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**FEB 17 2005**

ATMI-249 DIV RCE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re United States Patent Application of:****Applicant:** BAUM, Thomas H., et al.**Application No.:** 09/620,162**Date Filed:** July 20, 2000**Title:** COMPOSITION AND  
METHOD FOR FORMING  
DOPED A-SITE DEFICIENT  
THIN-FILM MANGANATE  
LAYERS ON A SUBSTRATE**Docket No.:**ATMI-249 DIV RCE  
RCE (7486)**Examiner:**MARKHAM,  
Wesley D.**Art Unit:**

1762

**Confirmation No.:**

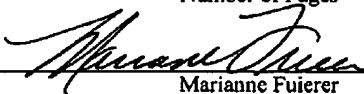
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**Customer No.:****25559****FACSIMILE TRANSMISSION CERTIFICATE****ATTN: Examiner WESLEY MARKHAM****Fax No. (703) 872-9306**

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on February 17, 2005 to United States Patent and Trademark Office facsimile transmission number (703) 872-9306.

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Number of Pages

  
Marianne Fuierer

February 17, 2005

Date

**AMENDMENT RESPONDING TO NOVEMBER 17, 2004 OFFICE ACTION IN**  
**U.S. PATENT APPLICATION NO. 09/620,162**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the November 17, 2004 Office Action please amend the application as follows: